

What is claimed is:

5 1. An operating unit of a vehicle having an automatic braking device that is applied to the vehicle travelling on a road provided with a transmitter for transmitting a signal formed of an electromagnetic wave comprising:

10 said automatic braking device and a receiver being respectively provided in the vehicle, wherein the automatic braking device drives a pump when the receiver receives the signal formed of an electromagnetic wave, operating an automatic brake to wheel brakes provided in a pair of right and left front wheels and/or rear wheels, so that an antilock control device is operable during the operation of the automatic braking device;

15 said receiver outputting a control signal in response to the signal transmitted by the transmitter; and

said automatic braking device being operated in response to the control signal outputted by the receiver.

20 2. An operating unit of a vehicle having an automatic braking device comprising:

a transmitter provided on a road for transmitting a signal formed of an electromagnetic wave;

25 said automatic braking device and a receiver being respectively provided in the vehicle, wherein the automatic braking device drives a pump when the receiver receives the signal formed of an electromagnetic wave, operating an automatic brake to wheel brakes provided in a pair of right and left front wheels and/or rear wheels, so that an antilock control device is operable during the operation of the automatic braking device;

said receiver outputting a control signal in response to the signal transmitted by the transmitter; and

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said automatic braking device being operated in response to the control signal outputted by the receiver.

3. The operating unit of a vehicle having an automatic braking device according to Claim 1, further comprising reference value setting means provided in the vehicle, and wherein the automatic braking device is operated based on a reference value corresponding to a target travelling speed set by the reference value setting means in response to the control signal.

4. The operating unit of a vehicle having an automatic braking device according to Claim 1, further comprising travelling speed detection means provided in the vehicle for detecting a travelling speed of the vehicle in response to the control signal and outputting an output signal so as to operate the automatic braking device.

5. The operating unit of a vehicle having an automatic braking device according to Claim 1, further comprising at least one temperature detection means provided on the road for detecting that an atmospheric temperature reaches a given temperature and outputting a temperature signal, and wherein the transmitter transmits the signal in response to the temperature signal outputted by the temperature detection means.

6. An operating unit of a vehicle having an automatic braking device that is applied to the vehicle travelling on a road provided with a transmitter for transmitting a signal formed of an electromagnetic wave comprising:

said automatic braking device and a receiver being respectively provided in the vehicle, wherein the automatic braking device drives a pump when the receiver receives the signal formed of an electromagnetic wave, operating an automatic brake to wheel brakes

provided in a pair of right and left front wheels and/or rear wheels, so that an antilock control device is operable during the operation of the automatic braking device;

said receiver outputting a control signal in response to the signal transmitted by the transmitter; and

wherein an alarm is given to the inside of the vehicle by a sound in response to the control signal outputted by the receiver .

7. An operating unit of a vehicle having an automatic braking device comprising:

a transmitter provided on a road for transmitting a signal formed of an electromagnetic wave;

said automatic braking device and a receiver being respectively provided in the vehicle, wherein the automatic braking device drives a pump when the receiver receives the signal formed of an electromagnetic wave, operating an automatic brake to wheel brakes provided in a pair of right and left front wheels and/or rear wheels, so that an antilock control device is operable during the operation of the automatic braking device;

said receiver outputting a control signal in response to the signal transmitted by the transmitter; and

wherein an alarm is given to the inside of the vehicle by a sound in response to the control signal outputted by the receiver.

8. The operating unit of a vehicle having an automatic braking device according to Claim 6, further comprising at least one temperature detection means provided on the road for detecting that an atmospheric temperature reaches a given temperature and outputting a temperature signal, and wherein the transmitter transmits the signal in response to the temperature signal outputted by the temperature detection means.

9. The operating unit of a vehicle having an automatic braking device according to Claim 8, wherein the temperature detection means is provided in a tunnel.

5 10. The operating unit of a vehicle having an automatic braking device according to Claim 9, wherein the transmitter is provided at one of the position of an opening portion serving as an approach to the tunnel and the position remote from the opening portion serving as the approach to the tunnel by a given distance.

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